Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101529.D
Acq On : 19 Dec 2017 18:21
Operator : SJ/JU
Sample : I6940-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB16206-VB16211MSD

Quant Time: Dec 20 07:29:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129393	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	515652	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	226306	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	381970	20.00	ng		0.00
75) Chrysene-d12	13.99	240	232444	20.00	ng		0.00
86) Perylene-d12	15.46	264	298393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	728148	83.82	ng		0.01
7) Phenol-d6	6.46	99	928263	85.86	ng		0.00
23) Nitrobenzene-d5	7.38	82	597845	64.54	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	158541	72.70	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	988830	67.78	ng		0.00
78) Terphenyl-d14	12.92	244	736379	76.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	113351	25.395	ng		95
3) Pyridine	3.35	79	294628	23.758	ng		95
4) n-Nitrosodimethylamine	3.30	42	145413	25.467	ng	#	99
6) Aniline	6.48	93	144029	9.587	ng	#	76
8) 2-Chlorophenol	6.60	128	269661	29.511	ng		99
9) Benzaldehyde	6.37	77	186760	23.392	ng		97
10) Phenol	6.47	94	414388	33.631	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	293677	30.385	ng		94
12) 1,3-Dichlorobenzene	6.75	146	325784	31.590	ng		98
13) 1,4-Dichlorobenzene	6.83	146	333171	31.636	ng		97
14) 1,2-Dichlorobenzene	6.98	146	302669	31.929	ng		97
15) Benzyl Alcohol	6.96	79	223638	30.055	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	483927	32.716	ng		66
17) 2-Methylphenol	7.07	107	238045	28.321	ng	#	90
18) Hexachloroethane	7.31	117	112122	30.622	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	203103	28.607	ng		95
20) 3+4-Methylphenols	7.23	107	319978	35.924	ng		96
22) Acetophenone	7.22	105	410376	34.878	ng	#	96
24) Nitrobenzene	7.40	77	315309	30.755	ng		99
25) Isophorone	7.63	82	568261	30.580	ng		99
26) 2-Nitrophenol	7.72	139	115206	26.156	ng		94
27) 2,4-Dimethylphenol	7.75	122	259604	34.694	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	367941	31.170	ng		99
29) 2,4-Dichlorophenol	7.96	162	221912	30.018	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	251307	32.213	ng		97
31) Naphthalene	8.12	128	853713	32.886	ng		100
33) 4-Chloroaniline	8.17	127	103272	9.153	ng		97
34) Hexachlorobutadiene	8.22	225	147019	32.583	ng		98
35) Caprolactam	8.53	113	71651	27.913	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	260697	32.085	ng		97
37) 2-Methylnaphthalene	8.80	142	552588	32.672	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	263276	34.457	ng	#	96
40) Hexachlorocyclopentadiene	8.95	237	16609	24.630	ng		95
42) 2,4,6-Trichlorophenol	9.09	196	88624	19.267	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	119849	23.796	ng		93
45) 1,1'-Biphenyl	9.27	154	662614	33.015	ng		99
46) 2-Chloronaphthalene	9.30	162	496837	32.353	ng		96
47) 2-Nitroaniline	9.40	65	166989	31.478	ng		97
48) Acenaphthylene	9.71	152	730538	30.119	ng		99
49) Dimethylphthalate	9.57	163	677056	37.194	ng		99
50) 2,6-Dinitrotoluene	9.65	165	124516	33.656	ng		91
51) Acenaphthene	9.88	154	462526	31.739	ng		100
52) 3-Nitroaniline	9.82	138	106153	23.014	ng		98
54) Dibenzofuran	10.05	168	652982	35.259	ng		98
56) 2,4-Dinitrotoluene	10.06	165	149257	35.807	ng	#	89
57) Fluorene	10.40	166	539335	34.426	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	51628	14.267	ng	#	68
59) Diethylphthalate	10.26	149	556858	30.891	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	251404	33.484	ng		90
61) 4-Nitroaniline	10.43	138	127449	27.489	ng		94
62) Azobenzene	10.55	77	641078	34.330	ng		95
65) n-Nitrosodiphenylamine	10.50	169	475440	33.709	ng		95
66) 4-Bromophenyl-phenylether	10.87	248	154653	36.033	ng	#	89
67) Hexachlorobenzene	10.95	284	155370	34.204	ng	#	87
68) Atrazine	11.03	200	158250	37.630	ng		97
69) Pentachlorophenol	11.16	266	18590	16.218	ng		99
70) Phenanthrene	11.36	178	778919	36.669	ng		99
71) Anthracene	11.42	178	731857	33.729	ng		100
72) Carbazole	11.57	167	631102	31.066	ng		99
73) Di-n-butylphthalate	11.89	149	825913	33.496	ng		99
74) Fluoranthene	12.56	202	655022	29.378	ng		96
76) Benzidine	12.68	184	211854	21.580	ng		98
77) Pyrene	12.79	202	627106	35.948	ng		99
79) Butylbenzylphthalate	13.39	149	264192	33.470	ng		98
80) Benzo(a)anthracene	13.97	228	489663	31.903	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	118112	23.600	ng		98
82) Chrysene	14.02	228	463302	31.970	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	340645	34.072	ng		98
84) Di-n-octyl phthalate	14.55	149	555852	31.175	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	658202	51.004	ng		96
87) Benzo(b)fluoranthene	15.03	252	555017	30.516	ng		99
88) Benzo(k)fluoranthene	15.06	252	478408	27.054	ng		98
89) Benzo(a)pyrene	15.40	252	534300	31.867	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	552789	38.400	ng		96
91) Benzo(g,h,i)perylene	17.39	276	572285	40.148	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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